

Human WD Repeat-Containing Protein 35 (WDR35) ELISA Kit | WDR35 elisa kit

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CATALOG #
AAA330265

REACTIVITY
Human

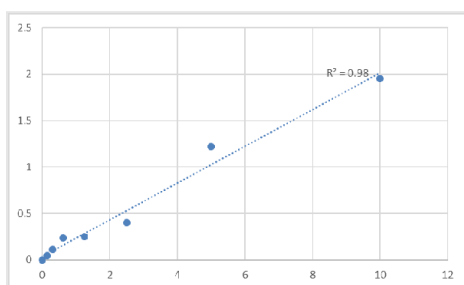
PRODUCT SYNONYMS

WD Repeat-Containing Protein 35 (WDR35); Human WD Repeat-Containing Protein 35 (WDR35) ELISA Kit; WDR35; KIAA1336; MGC33196; WDR35 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human WD repeat-containing protein 35 (WDR35) ELISA Kit has high sensitivity and excellent specificity for detection of Human WDR35. No significant cross-reactivity or interference between Human WDR35 and analogues was observed.
Sequence Length	1181
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human WD repeat-containing protein 35 (WDR35) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for WDR35 elisa kit	Description: This Human WD repeat-containing protein 35 (WDR35) ELISA Kit employs a two-site sandwich ELISA to quantitate WDR35 in samples. An antibody specific for WDR35 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WDR35 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WDR35 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of WDR35 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: WDR35 is WD40 domain-containing protein. Studies in mouse and several lower organisms have implicated WDR35 in intraflagellar transport. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. The deduced 1,170-amino acid protein contains 4 N-terminal WD40 domains and shares 92.7% identity with human WDR35. Quantitative RT-PCR detected Wdr35 expression in all rat tissues examined, with highest expression in testis, followed by brain, and lowest expression in spleen.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55743161
NCBI GeneID	57539
NCBI Accession #	NP_001006658
NCBI GenBank Nucleotide #	NP_001006658.1
UniProt Accession #	Q9P2L0
NCBI Official Full Name	WD repeat-containing protein 35 isoform 1
NCBI Official Synonym Full Names	WD repeat domain 35
NCBI Official Symbol	WDR35
NCBI Official Synonym Symbols	CED2; IFTA1; SRTD7; IFT121
NCBI Protein Information	WD repeat-containing protein 35
UniProt Protein Name	WD repeat-containing protein 35
UniProt Gene Name	WDR35
UniProt Synonym Gene Names	IFT121; KIAA1336
UniProt Entry Name	WDR35_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.